



Docket No. OPT-02-004

Response to Office Action

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of: Glen F. Chatfield and Roy D. Houston
Serial No.: 10/663,862
Filed: September 16, 2003
For: Signal Conditioner and User Interface

MAIL STOP AMMENDMENT

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Express Mail Certificate

"Express Mail" label number: ED055765048US

Date of Deposit: August 6, 2005

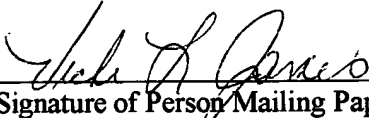
I hereby state the following papers are attached hereto:

Petition for Extension of Time (1 page), Fee Transmittal Form (1 page and duplicate copy),
Response to Office Action (20 pages), Information Disclosure Statement Cover Letter (2 pages),
PTO Form 1449 (1 page), and check #276 in the amount of \$2065.00.

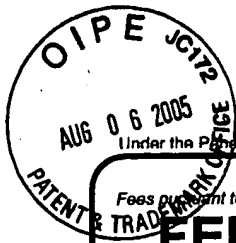
Which are being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10, on the date indicated above and is addressed to: Mail Stop Ammendment, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Vicki L. James

Typed or Printed Name of Person Mailing Paper



Signature of Person Mailing Paper



Effective on 12/08/2004.
Fees pursuant to the Consolidated Appropriations Act, 2005 (H.R. 4818).

FEE TRANSMITTAL

For FY 2005

☒ Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$) 2065.00

Complete if Known

Application Number	10/663,862
Filing Date	September 16, 2003
First Named Inventor	Glen F. Chatfield
Examiner Name	Wolfe JR, Willis Ray
Art Unit	3747
Attorney Docket No.	OPT-02-004

METHOD OF PAYMENT (check all that apply)☒ Check ☐ Credit Card ☐ Money Order ☐ None ☐ Other (please identify): _____☒ Deposit Account Deposit Account Number: 502642 Deposit Account Name: The Law Office of Richard W. Ja

For the above-identified deposit account, the Director is hereby authorized to: (check all that apply)

☐ Charge fee(s) indicated below☐ Charge fee(s) indicated below, except for the filing fee☒ Charge any additional fee(s) or underpayments of fee(s) under 37 CFR 1.16 and 1.17☒ Credit any overpayments

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

FEE CALCULATION**1. BASIC FILING, SEARCH, AND EXAMINATION FEES**

Application Type	FILING FEES		SEARCH FEES		EXAMINATION FEES		Fees Paid (\$)
	Fee (\$)	Small Entity Fee (\$)	Fee (\$)	Small Entity Fee (\$)	Fee (\$)	Small Entity Fee (\$)	
Utility	300	150	500	250	200	100	
Design	200	100	100	50	130	65	
Plant	200	100	300	150	160	80	
Reissue	300	150	500	250	600	300	
Provisional	200	100	0	0	0	0	

2. EXCESS CLAIM FEES**Fee Description**

Each claim over 20 (including Reissues)

Fee (\$)	Small Entity Fee (\$)
50	25

Each independent claim over 3 (including Reissues)

200	100
-----	-----

Multiple dependent claims

360	180
-----	-----

Total Claims	Extra Claims	Fee (\$)	Fee Paid (\$)
62	- 20 or HP = 31	x 25 =	775.00

HP = highest number of total claims paid for, if greater than 20.

Indep. Claims	Extra Claims	Fee (\$)	Fee Paid (\$)
9	- 3 or HP = 6	x 100 =	600.00

HP = highest number of independent claims paid for, if greater than 3.

Multiple Dependent Claims	Fee (\$)	Fee Paid (\$)

3. APPLICATION SIZE FEE

If the specification and drawings exceed 100 sheets of paper (excluding electronically filed sequence or computer listings under 37 CFR 1.52(e)), the application size fee due is \$250 (\$125 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s).

Total Sheets	Extra Sheets	Number of each additional 50 or fraction thereof	Fee (\$)	Fee Paid (\$)
	- 100 =	/ 50 =	(round up to a whole number) x	

4. OTHER FEE(S)

Non-English Specification, \$130 fee (no small entity discount)

Other (e.g., late filing surcharge): Extension of time and IDS

Fees Paid (\$)

690.00

SUBMITTED BY

Signature	<u>Richard W. James</u>	Registration No. (Attorney/Agent)	43,690	Telephone	412-243-8708
Name (Print/Type)	Richard W. James			Date	August 6, 2005

This collection of information is required by 37 CFR 1.136. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 30 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.